

# Statewide Water Analysis Network



## Scenario Activities for California Water Plan Update 2013

### Water Plan Quantitative Deliverables

- ◆ Accurately describe recent water management conditions (Water Portfolios)
- ◆ Develop multiple baseline future conditions (Scenarios)
- ◆ Identify alternative water management response packages (management strategies)
- ◆ Evaluate performance of strategies in terms of benefits, costs, and tradeoffs
- ◆ Evaluate interaction between local, regional, and statewide water management
- ◆ Support Water Planning Information Exchange

### Scenario Proof of Concept – Central Valley

- ◆ Sacramento River, San Joaquin River, and Tulare Lake HRs
- ◆ Identify and quantify regional water management responses
- ◆ Evaluate performance of strategies in terms of benefits, costs, and tradeoffs
- ◆ Collaboration with Reclamation to include Tulare Lake HR and expand analysis

### Scenario Development – Outside of Central Valley

- ◆ Apply simpler Hydrologic Region model developed for Update 2009
- ◆ Quantify regional water demand for 3 growth scenarios and 12 climate scenarios
- ◆ Ability to include some demand management strategies
- ◆ Limited ability to quantify most water management responses

### Schedule

